

## Barrier-free Pleated Screen Door / Pleated Screen Window / Pleated Screen Door

The key to maintain indoor  
ventilation

## 清展科技

TAROKO DOOR  
& WINDOW  
TECHNOLOGIES INC.

**HISS**

*Your Window to a Better Life.*

喜室清展

## About Taroko Door & Window Technologies

Founded in 1987, Taroko Door & Window Technologies Inc. was originally named Chen Chang Plastic Co., Ltd., and has 3 production bases in Taiwan and Mainland China, each specialized in diverse areas such as ventilation doors, invisible (retractable, pleated) screen windows, ventilation grilles and barrier-free pleated screens as well as the onward manufacturing process. The environmental friendly door and window brand named "HISS" has a significant status, in which the "Barrier-free pleated screen door" could be installed indoors, and has the advantages to diminish the volume of air conditioning, thus saving energy and reducing carbon emission. In the future, Taroko will uphold the spirit of protecting the earth, create a humane green living environment, and continue to develop innovative products relating to areas such as noise insulation, light and heat separation and green energy application that are able to market globally.

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## Product Introduction

The key factor that the indoors is able to keep warm during winter and cool in the summer without using electricity is “ventilation”. Taroko design the screen window into pleated screen window, so the product is able to install on any type of window, maintaining well ventilation indoors, thereby achieving energy saving and carbon reduction.

### Pleated Screen Window Pleated Screen Door

- It could freely move its position and extend the width according to the type of window or door.
- Combined with shade cloth, it could shield indoors from direct sunlight, and hence reduce the usage of air conditioning, save energy and protect environment.



General View of Product Application

▲ Tensile life testing  
Testing size : W900 H2,100mm  
Testing cycle : 775mm/100,000 times



Detachable



Intuitive Detachable



Completely Invisible



The tall and large screen door is able to easily push and pull. Children could move the door with just one finger.

### Barrier-free Pleated Screen Door



Ease

By applying the analysis of acoustic technologies and summarize the causes of noises, Taroko improves the vibration module of structural movements, and tries to optimize the sound quality of non-eliminable noises according to special characteristics of the human ear, which reduces the noise challenges to the minimum.



Convenience

Create a barrier-free space, adopt 3mm height low rail design and allow elders or wheelchairs easily access through compartments, which the inconvenience of traditional pulling screen door situation will not happen, There is no need to worry about indoor ventilation conditions, thus achieve the environmental goals of lowering the volume of air conditioning.



Comprehensive

Could be used with mesh and shade cloth. Mesh is able to let indoors well ventilated without turning on the air conditioning, and materials of the shade cloth are very suitable to be used for indoor compartments. This could allow the indoor air conditioning to concentrate in the areas that clientele wants, and thus an innovative way for indoor ventilation and energy saving carbon reduction.

▲ Tensile life testing  
Testing size : W1,200 H2,100mm  
Testing cycle : 1,060mm/100,000 times

